Seat No.:	Enrolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## ME - SEMESTER-II EXAMINATION - SUMMER 2015

Su	bject	Code: 2722806 Date: 30/05/2015	5
Tiı	•	Name: Sheet Metal Process 2:30 PM to 05:00 PM Total Marks: 70 as:	)
	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a) (b)	Explain about Sheet Metal Properties and their Grade history.  Discuss about Different Quality Testing of Sheet Metal.	07 07
Q.2	(a) (b)	Explain the concept of Design for Sheet Metal for Forming Industries.  Define Formability and give their salient feature for Analysis.  OR	07 07
	<b>(b)</b>	Short note on Strain Path & Strain Distribution.	07
Q.3	(a) (b)	Explain Role of Power Press in Sheet Metal Forming. Short note on Plasma Bending.	07 07
		OR	
Q.3	(a) (b)	Process analysis of axisymmetric deep Drawing Parts.  Explain the Diffusion Bonding Process with neat sketch.	07 07
Q.4	(a) (b)	Short note on Warm Forming. Enlist the Metal Forming Press equipment or devices.  OR	07 07
Q.4	(a) (b)	Short note on Automation in Sheet Metal Process. Explain the Sheet Metal Joining Processes.	07 07
Q.5	(a) (b)	Which major activity done in Body Building of Modern Car.  Explain the Stretch Forming Process with neat sketch.  OR	07 07
Q.5	(a) (b)	Elaborate the CAD & CAM application in Sheet Metal Processes.  Enlist the different Simulation & Modeling Software in Sheet metal Industries.	07 07

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